

**O INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

NOV 06 2006

PATENT  
TRADEMARK OFFICE

Sheet

1

of

3

		<i>Complete if Known</i>	
Application No.	10/814,846		
Filing Date	March 30, 2004		
First Named Inventor	Jonathan J. Hull		
Art Unit	2181 2625		
Examiner Name	Christopher B. Shin James A. Thompson		
Attorney Docket Number	20412-08382		

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/JT/	A1	US-7,031,965	04-18-2006	Moriya et al.
	A2	US-6,892,193	05-10-2005	Bolle et al.
	A3	US-2004/0240541 A1	12-02-2004	Chadwick et al.
	A4	US-6,824,044	11-30-2004	Lapstun et al.
	A5	US-6,807,303	10-19-2004	Kim et al.
	A6	US-6,775,651	08-10-2004	Lewis et al.
	A7	US-2004/0128613 A1	07-01-2004	Sinisi
	A8	US-6,724,494	04-20-2004	Danknick
	A9	US-6,687,383	02-03-2004	Kanevsky et al.
	A10	US-2003/160898 A1	08-28-2003	Baek et al.
	A11	US-6,611,628	08-26-2003	Sekiguchi et al.
	A12	US-2003/051214 A1	03-13-2003	Graham et al.
	A13	US-6,519,360	02-11-2003	Tanaka
	A14	US-2002/0199149 A1	12-26-2002	Nagasaki et al.
	A15	US-2002/171857 A1	11-21-2002	Hisatomi et al.
	A16	US-2002/0159637 A1	10-31-2002	Echigo et al.
	A17	US-6,373,585	04-16-2002	Mastie et al.
	A18	US-2002-006100 A1	01-17-2002	Cundiff Sr. et al.
	A19	US-2002/004807 A1	01-10-2002	Graham et al.
	A20	US-2001/037408 A1	11-10-2001	Thrift et al.
	A21	US-6,298,145	10-02-2001	Zhang et al.
	A22	US-6,106,457	08-22-2000	Perkins et al.
	A23	US-5,987,226	11-16-1999	Ishikawa et al.
	A24	US-5,903,538	05-11-1999	Fujita et al.
V	A25	US-5,774,260	06-30-1998	Petitto et al.
	A26	US-5,690,496	11-25-1997	Kennedy
/JT/	A27	US-5,682,330	10-28-1997	Seaman et al.

Examiner Signature	/James Thompson/	Date Considered	6/12/07
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

20412/08382/DOCS/1669622.1

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

2

of

3

**Complete if Known**

Application No.	10/814,846
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2181 2625
Examiner Name	Christopher B. Shin James A. Thompson

Attorney Docket Number

20412-08382

**U.S. PATENT DOCUMENTS**

		Document No.		
Examiner Initials*	Cite No. <sup>1</sup>	Number – Kind Code <sup>2</sup> (If known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/JT/	A28	US-5,444,476	08-22-1995	Conway et al.
/JT/	A29	US-4,998,215	0305-1991	Black et al.
/JT/	A30	US-4,907,973	03-13-1990	Hon et al.

**FOREIGN PATENT DOCUMENTS**

		Foreign Patent Document		
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/JT/	B1	CN 1097394C	12-25-2002	IBM Corp.
/JT/	B2	EP 1133170 A2	09-12-2001	Sony Corporation

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
/JT/	C1	DIMITROVA, N. et al., "Applications of Video-Content Analysis and Retrieval," IEEE Multimedia, July-September 2002, pp. 42-55.	
	C2	European Search Report, EP 04255836, September 12, 2006, 4 pages.	
	C3	European Search Report, EP 04255837, September 5, 2006, 3 pages.	
	C4	European Search Report, EP 04255839, September 4, 2006, 3 pages.	
	C5	European Search Report, EP 04255840, September 12, 2006, 3 pages.	
	C6	GRAHAM, J. et al., "A Paper-Based Interface for Video Browsing and Retrieval," ICME '03, July 6-9, 2003, pp. 749-752, Vol. 2.	
	C7	GRAHAM, J. et al., "Video Paper: A Paper-Based Interface for Skimming and Watching Video," ICCE '02, June 18-20, 2002, pp. 214-215.	
	C8	KLEMMER, S.R. et al., "Books With Voices: Paper Transcripts as a Tangible Interface to Oral Histories," CHI Letters, April 5-10, 2003, pp. 89-96, Vol. 5, Issue 1.	
↓	C9	MINAMI, K. et al., "Video Handling with Music and Speech Detection," IEEE Multimedia, July-September 1998, pp. 17-25.	
/JT/	C10	SHAHRAY, B. et al., "Automated Authoring of Hypermedia Documents of Video Programs," ACM	

Examiner Signature	/James Thompson/	Date Considered	6/12/07
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

3

of

3

**Complete if Known**

Application No.	10/814,846
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2181 2625
Examiner Name	Christopher B. Shim James A. Thompson

Attorney Docket Number

20412-08382

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/JT/		Multimedia '95 Electronic Proceedings, San Francisco, CA, November 5-9, 1995, pp. 1-12.	
/JT/	C11	SHAHRAY, B. et al., "Pictorial Transcripts: Multimedia Processing Applied to Digital Library Creation," IEEE, 1997, pp. 581-586.	

Examiner Signature	/James Thompson/	Date Considered	6/12/07
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

20412-08382/DOCS/1669622.1

OCT 02 2006  
10987  
PATENT & TRADEMARK OFFICE

Subsidary of U.S. Patent & Tm PTO			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			
OCT 02 2006 PATENT & TRADEMARK OFFICE			
Sheet	1	of	2

Complete If Known	
Application No.	10/814,846
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2182 2625
Examiner Name	Not Yet Known James A. Thompson
Attorney Docket Number	20412-08382

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/JT/	A1	US-7,075,676	07-11-2006	Owen
	A2	US-6,964,374	11-15-2005	Djuknic et al.
	A3	US-6,938,202	08-30-2005	Matsubayashi et al.
	A4	US-6,724,494	04-20-2004	Danknick
	A5	US-2003/0110926 A1	06-19-2003	Sitrick et al.
	A6	US-2003/0093384 A1	05-15-2003	Durst et al.
	A7	US-2002/0135800 A1	09-26-2002	Dutta
	A8	US-6,417,435	07-09-2002	Chantzis et al.
	A9	US-2002/0060748 A1	05-23-2002	Aratani et al.
	A10	US-6,373,585	04-16-2002	Mastie et al.
	A11	US-2002/0001101 A1	01-03-2002	Hamura et al.
	A12	US-6,297,851	10-02-2001	Taubman et al.
	A13	US-6,138,151	10-24-2000	Reber et al.
	A14	US-5,987,226	11-16-1999	Ishikawa et al.
	A15	US-5,884,058	03-16-1999	Steele
	A16	US-5,729,665	03-17-1998	Gauthier
↓	A17	US-5,721,883	02-24-1998	Katsuo et al.
	A18	US-4,205,780	06-03-1980	Burns et al.
/JT/	A19	US-4,133,007	01-02-1979	Wessler et al.

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
				T <sup>4</sup>

Examiner Signature	/James Thompson/	Date Considered	6/12/07
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application No.	10/814,846
		Filing Date	March 30, 2004
		First Named Inventor	Jonathan J. Hull
		Art Unit	2182 2625
		Examiner Name	Not Yet Known James A. Thompson
Sheet	2	of	2
		Attorney Docket Number	20412-08382

Examiner Signature	/James Thompson/	Date Considered	6/12/07
-----------------------	------------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.  
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

20412/08382/DOCS/1655815.1



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

1

of

1

### Complete if Known

Application No.	10/814,846
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	ZT62 2625
Examiner Name	Not Yet Known James A. Thompson
Attorney Docket Number	20412-08382

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/JT/	A1	US-6,983,482	01-03-2006	Morita et al.
	A2	US-2003/0002068 A1	01-02-2003	Constantin et al.
↓	A3	US-2002/0169849 A1	11-14-2002	Schroath
	A4	US-6,115,718	09-05-2000	Huberman et al.
/JT/	A5	US-5,436,792	07-25-1995	Leman et al.

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
				T <sup>6</sup>

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
/JT/	C1	GROPP, W. et al., "Using MPI-Portable Programming with the Message Passing Interface," copyright 1999, pp. 35-42, second edition, MIT Press.		T <sup>6</sup>

Examiner Signature	/James Thompson/	Date Considered	6/12/07
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

20412-08382/DOCS/1613128.1

JAN 24 2006

PTO/SB/08A (10-01)  
Approved for use through 10/31/2002, OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	10/814,846
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2182 2625
				Examiner Name	Dev Popovici James A. Thompson
Sheet	1	of	1	Attorney Docket Number	20412-08382

<b>U.S. PATENT DOCUMENTS</b>				
		Document No.		
Examiner Initials*	Cite No. <sup>1</sup>	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/JT/	A1	US- 2002/0131071	09-19-2002	Parry, Travis J.
	A2	US- 2002/0135800	09-26-2002	Dutta, Rabindranath
	A3	US- 2004/0044894	03-04-2004	Lofgren et al.
	A4	US- 2004/0125402	07-01-2004	Kanai et al.
	A5	US- 2004/0128613	07-01-2004	Sinisi, John P.
	A6	US- 6,439,465	08-27-2002	Bloomberg, Dan S.
↓	A7	US- 6,647,535	11-11-2003	Bozdagi et al.
	A8	US- 6,678,389	01-13-2004	Sun et al.
/JT/	A9	US- 6,824,044	11-30-2004	Lapstun et al.

<b>FOREIGN PATENT DOCUMENTS</b>				
		Foreign Patent Document		
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document T <sup>6</sup>
	B1			

<b>OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
	C1			

Examiner Signature	/James Thompson/	Date Considered	6/12/07
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

20412/08421/DOCS/1588680.1



PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Sheet

1

of

3

## Complete If Known

Application No.	10/814,846
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	ZT82 2625
Examiner Name	Not Yet Known James A. Thompson

Attorney Docket Number

20412-08382

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/JT/	A1	US-6,774,951	08-10-2004	Narushima
	A2	US-6,874,538	01-06-2004	Takahashi
	A3	US-6,665,092	12-16-2003	Reed
	A4	US-2003/0220988 A1	11-27-2003	Hymel
	A5	US-6,811,622	08-26-2003	Krumm
	A6	US-6,594,377	07-15-2003	Kim et al.
	A7	US-2003/0088582 A1	05-08-2003	Pflug
	A8	US-2002/0185533 A1	12-12-2002	Shieh et al.
	A9	US-6,476,793	11-05-2002	Motoyama et al.
	A10	US-6,466,534	10-15-2002	Cundiff, Sr.
	A11	US-2002/0101513 A1	08-01-2002	Halverson
	A12	US-6,421,738	07-16-2002	Ratan et al.
	A13	US-2002/0048224 A1	04-25-2002	Dygert et al.
	A14	US-6,373,498	04-16-2002	Abgrall
	A15	US-2002/0010641 A1	01-24-2002	Stevens et al.
	A16	US-6,308,887	10-30-2001	Korman et al.
	A17	US-6,296,693	10-02-2001	McCarthy
	A18	US-2001/0003846 A1	06-14-2001	Rowe et al.
	A19	US-6,193,658	02-27-2001	Wendelken et al.
	A20	US-6,175,489	01-16-2001	Markow et al.
	A21	US-6,153,667	11-28-2000	Howald
	A22	US-6,118,888	09-12-2000	Chino et al.
↓	A23	US-6,108,457	08-22-2000	Perkins et al.
	A24	US-6,000,030	12-07-1999	Steinberg et al.
/JT/	A25	US-5,940,776	08-17-1999	Baron et al.

Examiner Signature	/James Thompson/	Date Considered	6/12/07
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

20412/08382/DOCS/1569517.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	10/814,846
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	<del>2182</del> 2625
				Examiner Name	Not Yet Known James A. Thompson
Sheet	2	of	3	Attorney Docket Number	20412-08382

U.S. PATENT DOCUMENTS				
		Document No.		
Examiner Initials*	Cite No. <sup>1</sup>	Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/JT/	A26	US-5,936,542	08-10-1999	Kleinrock et al.
	A27	US-5,903,538	05-11-1999	Fujita et al.
	A28	US-5,774,260	06-30-1998	Petitto et al.
	A29	US-5,764,368	06-09-1998	Shibaki et al.
	A30	US-5,682,330	10-28-1997	Seaman et al.
	A31	US-5,661,783	08-26-1997	Assis
	A32	US-5,633,723	05-27-1997	Sugiyama et al.
	A33	US-5,568,406	10-22-1996	Gerber
	A34	US-5,444,476	08-22-1995	Conway
	A35	US-5,438,426	08-01-1995	Miake et al.
	A36	US-5,386,510	01-31-1995	Jacobs
	A37	US-5,270,989	12-14-1993	Kimura
	A38	US-5,170,935	12-15-1992	Federspiel et al.
	A39	US-5,136,563	08-04-1992	Takemasa et al.
	A40	US-5,115,967	05-26-1992	Wedekind
	A41	US-5,093,730	03-03-1992	Ishii et al.
	A42	US-5,091,948	02-25-1992	Kametani
	A43	US-4,907,973	03-13-1990	Hon
	A44	US-4,881,135	11-14-1989	Heilweil
	A45	US-4,807,188	02-21-1989	Ohnishi et al.
↓	A46	US-4,754,485	06-28-1988	Klatt
/JT/	A47	US-4,734,898	03-29-1988	Morinaga

Examiner Signature	/James Thompson/	Date Considered	6/12/07
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	10/814,846
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2182 2625
				Examiner Name	Not Yet Known James A. Thompson
Sheet	3	of	3	Attorney Docket Number	20412-08382

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
		Foreign Patent Document			
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
/JT/	B1	WO 99/18523	04-15-1999	Caere Corporation	

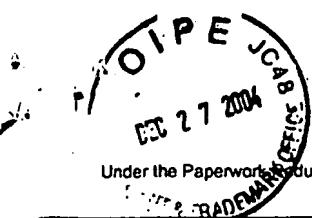
#### **OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

<b>Examiner Signature</b>	/James Thompson/	<b>Date Considered</b>	6/12/07
-------------------------------	------------------	----------------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

**Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Sheet

1

of

3

*Complete If Known*

Application No.	10/814,846
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	-2182 2625
Examiner Name	Not Yet Known James A. Thompson

Attorney Docket Number

20412-08382

## U.S. PATENT DOCUMENTS

		Document No.		
Examiner Initials*	Cite No. <sup>1</sup>	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/JT/	A1	US-6,552,743 B1	04-22-2003	Rissman
	A2	US-2003/0038971 A1	02-27-2003	Renda
	A3	US-D468,277 S	01-07-2003	Sugiyama
	A4	US-2002/0140993 A1	10-03-2002	Silverbrook
	A5	US-6,442,338 B1	08-27-2002	Lemelson
	A6	US-2002/0099534 A1	07-25-2002	Hegarty
	A7	US-6,378,070 B1	04-23-2002	Chan et al.
	A8	US-2002/0067503 A1	08-06-2002	Hiatt
	A9	US-6,375,298 B2	04-23-2002	Purcell et al.
	A10	US-2002/0015068 A1	02-07-2002	Siwinski et al.
	A11	US-2002/0001101 A1	01-03-2002	Hamura et al.
	A12	US-2001/0052942 A1	12-20-2001	MacCollum et al.
	A13	US-6,302,527 B1	10-16-2001	Walker
	A14	US-2001/0017714 A1	08-30-2001	Komatsu et al.
	A15	US-5,493,409	02-20-1998	Maeda et al.
↓	A16	US-5,432,532	07-11-1995	Mochimaru et al.
	A17	US-4,898,215	03-05-1991	Black et al.
/JT/	A18	US-4,835,132	01-06-1987	Nakamura

## FOREIGN PATENT DOCUMENTS

		Foreign Patent Document			
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

Examiner Signature	/James Thompson/	Date Considered	6/12/07
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

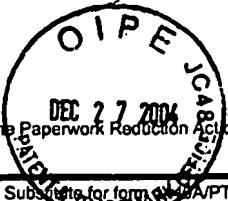
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

20412-08382/DOCS/1491330.1

12/20/04

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Subsets for form 1615A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Sheet

2

of

3

Complete If Known

Application No.	10/814,846
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2182 2625
Examiner Name	Not Yet Known James A. Thompson

Attorney Docket Number

20412-08382

## OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

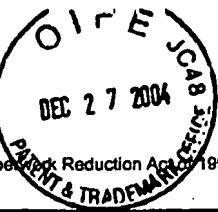
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>c</sup>
/JT/	C1	ASCII 24.com, [online] (date unknown), Retrieved from the Internet<URL: http://216.239.37.104/search?q=cache:z-G9M1EpvSUJ:ascii24.com/news/i/hard/article/1998/10/01/612952-000.html+%E3%82%B9%E3%...>	
	C2	Configuring A Printer (NT), Oxford Computer Support [online] [Retrieved on November 13, 2003] Retrieved from the Internet<URL: http://www.nox.ac.uk/cehoxford/ccs/facilities/printers/confignt.htm>	
	C3	"DocumentMall Secure Document Management" [online] [Retrieved on March 9, 2004]. Retrieved from the Internet" <URL: http://www.documentmall.com>.	
	C4	GIRGENSOHN, ANDREAS et al., "Time-Constrained Keyframe Selection Technique," Multimedia Tools and Applications (2000), Volume 11, pp. 347-358.	
	C5	GRAHAM, JAMEY et al., "A Paper-Based Interface for Video Browsing and Retrieval," IEEE International Conference on Multimedia and Expo (July 6-9, 2003), Volume 2, P:II 749-752.	
	C6	GRAHAM, JAMEY et al., "The Video Paper Multimedia Playback System," Proceedings of the 11 <sup>th</sup> ACM International Conference on Multimedia (November 2003), pp. 94-95.	
	C7	GRAHAM, JAMEY et al., "Video Paper: A Paper-Based Interface for Skimming and Watching Video," International Conference on Consumer Electronics (June 16-18, 2002), pp. 214-215.	
	C8	HULL, JONATHAN J. et al., "Visualizing Multimedia Content on Paper Documents: Components of Key Frame Selection for Video Paper," Proceedings of the 7 <sup>th</sup> International Conference on Document Analysis and Recognition (2003), Volume 1, pp. 389-392.	
	C9	"Kofax: Ascent Capture: Overview" [online] [Retrieved on January 22, 2004]. Retrieved form the Internet: <URL" http://www.kofax.com/products/ascent/capture>.	
	C10	Label Producer by Maxell, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: http://www.maxell.co.jp/products/consumer/rabel_card/>	
▼	C11	Movie-PhotoPrint by Canon, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: http://cweb.canon.jp/hps/guide/timless.html>	
/JT/	C12	PostScript Language Document Structuring Conventions Specification", Version 3.0 (September 25, 1992), Adobe Systems Incorporated.	

Examiner Signature	/James Thompson/	Date Considered	6/12/07
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	10/814,846
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	ZT82 2625
				Examiner Name	Not Yet Known James A. Thompson
Sheet	3	of	3	Attorney Docket Number	20412-08382

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/JT/	C13	Print From Cellular Phone by Canon, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://cweb.canon.jp/bj/enjoy/pbeam/index.html">http://cweb.canon.jp/bj/enjoy/pbeam/index.html</a> >	
	C14	Print Images Plus Barcode by Fuji Xerox, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.fujixerox.co.jp/soft/cardgear/release.html">http://www.fujixerox.co.jp/soft/cardgear/release.html</a> >	
	C15	Print Scan-Talk By Barcode by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.epson.co.jp/osirase/2000/000217.htm">http://www.epson.co.jp/osirase/2000/000217.htm</a> >	
	C16	Printer With CD/DVD Tray, Print CD/DVD Label by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.i-love-epson.co.jp/products/printer/inkjet/pmd750/pmd7503.htm">http://www.i-love-epson.co.jp/products/printer/inkjet/pmd750/pmd7503.htm</a> >	
↓	C17	R200 ScanTalk [online] (date unknown). Retrieved from the Internet<URL: <a href="http://homepage2.nifty.com/vasolza/ScanTalk.htm">http://homepage2.nifty.com/vasolza/ScanTalk.htm</a> >	
/JT/	C18	Variety of Media In, Print Paper Out by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.i-love-epson.co.jp/products/spc/pma850/pma8503.htm">http://www.i-love-epson.co.jp/products/spc/pma850/pma8503.htm</a> >	

Examiner Signature	/James Thompson/	Date Considered	6/12/07
--------------------	------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

		<i>Complete if Known</i>	
<b>Application No.</b>	10/814,846		
<b>Filing Date</b>	March 30, 2004		
<b>First Named Inventor</b>	Jonathan J. Hull		
<b>Art Unit</b>	2625		
<b>Examiner Name</b>	James A. Thompson		
<b>Sheet</b>	<b>1</b>	<b>of</b>	<b>1</b>
		<b>Attorney Docket Number</b>	20412-08382

<b>U.S. PATENT DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
<i>JJH</i>	A1	US-7,131,058	10-31-2006	Lapstun
	A2	US-2003/0117652 A1	06-26-2003	Lapstun
	A3	US-2003/0084462 A1	05-2003	Kubota et al.
	A4	US-6,529,920	03-04-2003	Arons et al.
<i>JJH</i>	A5	US-5,432,532	07-11-1995	Mochimaru et al.

<b>FOREIGN PATENT DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document T <sup>6</sup>

<b>OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T <sup>6</sup>
<i>JJH</i>	C1	LAMMING, M. et al., "Using Automatically Generated Descriptions of Human Activity to Index Multi-media Data," IEEE Multimedia Communications and Applications IEE Colloquium, February 7, 1991, pp. 5/1-5/3.		

Examiner Signature	<i>Jonathan J. Hull</i>	Date Considered	6/12/07
--------------------	-------------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

		<i>Complete if Known</i>	
Application No.	10/814,846		
Filing Date	March 30, 2004		
First Named Inventor	Jonathan J. Hull		
Art Unit	2625		
Examiner Name	James A. Thompson		
Sheet	1	of	2
		Attorney Docket Number	20412-08382

<b>U.S. PATENT DOCUMENTS</b>				
		Document No.		
Examiner Initials*	Cite No. <sup>1</sup>	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
<i>JJH</i>	A1	US-7,075,676	07-11-2006	Owen
<i>JJH</i>	A2	US-6,964,374	11-15-2005	Djuknic et al.
<i>JJH</i>	A3	US-6,856,415	02-15-2005	Simchik et al.
<i>JJH</i>	A4	US-6,700,566	03-02-2004	Shimoosawa et al.
<i>JJH</i>	A5	US-2003/0121006 A1	06-26-2003	Tabata et al.
<i>JJH</i>	A6	US-6,189,009	02-13-2001	Stratigos et al.
<i>JJH</i>	A7	US-6,170,007	01-02-2001	Venkatraman et al.

<b>FOREIGN PATENT DOCUMENTS</b>				
		Foreign Patent Document		
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document T <sup>6</sup>

<b>OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
<i>JJH</i>	C1	ASCII 24.com, [online] (date unknown), Retrieved from the Internet<URL: http://216.239.37.104/search?q=cache:z-G9M1EpvSUJ:ascii24.com/news/i/hard/article/1998/10/01/612952-000.html+%E3%82%B9%E3%...>		
<i>JJH</i>	C2	Label Producer by Maxell, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: http://www.maxell.co.jp/products/consumer/rabel_card/>		
<i>JJH</i>	C3	Movie-PhotoPrint by Canon, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: http://cweb.canon.jp/hps/guide/rimless.htm>		
<i>JJH</i>	C4	Print From Cellular Phone by Canon, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: http://cweb.canon.jp/bi/enjoy/pbeam/index.htm>		
<i>JJH</i>	C5	Print Images Plus Barcode by Fuji Xerox, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: http://www.fujixerox.co.jp/soft/cardgear/release.html>		
<i>JJH</i>	C6	Print Scan-Talk By Barcode by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the		

Examiner Signature	<i>James A. Hull</i>	Date Considered	6/12/2007
--------------------	----------------------	-----------------	-----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

2

of

2

<i>Complete if Known</i>	
Application No.	10/814,846
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2625
Examiner Name	James A. Thompson

Attorney Docket Number

20412-08382

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
		Internet<URL: <a href="http://www.epson.co.jp/osirase/2000/000217.htm">http://www.epson.co.jp/osirase/2000/000217.htm</a> >	
	C7	Printer With CD/DVD Tray, Print CD/DVD Label by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.i-love-epson.co.jp/products/printer/inkjet/pmd750/pmd7503.htm">http://www.i-love-epson.co.jp/products/printer/inkjet/pmd750/pmd7503.htm</a> >	
	C8	R200 ScanTalk [online] (date unknown). Retrieved from the Internet<URL: <a href="http://homepage2.nifty.com/vasolza/ScanTalk.htm">http://homepage2.nifty.com/vasolza/ScanTalk.htm</a> >	
	C9	Variety of Media In, Print Paper Out by Epson, [online] [Retrieved on November 11, 2003]. Retrieved from the Internet<URL: <a href="http://www.i-love-epson.co.jp/products/spc/pma850/pma8503.htm">http://www.i-love-epson.co.jp/products/spc/pma850/pma8503.htm</a> >	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.